taataacggc tagccagctc gacgtgaagg cagtgggggc cttgaggttg ccttttggcg 120
ttcaaaattg gctagactac cataacataa atattgattt ctcagtgaca tcactggttt 180
ggagtcatcc acagcctgtg caccagtacg gcaattgcct tttacatgaa gccatccttt 240
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<210> 292
<211> 290
<212> DNA
<213> Pinus taeda

<400> 292
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tgagagaaca tacaaagact ttgtataaac tacttttcac aggatctcaa cagccctctg 180
ctgagatcca tttgatacaa ggccccttgc atctccaccc tctcccttat cacctccact 240
agaaagatga tggaaagcag acacatggaa atgttgctgc aggcgtccgc 290

<210> 293
<211> 497
<212> DNA
<213> Pinus taeda

<400> 293
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tatgaaaaca tctttgttct cgagatttaa tcagtattaa gctttcagag tgaagttcag 120
tttgatctgc ataaacctga tccaccatat ctacatcaca tctaaaatta ctaaaatgtg 180
aggagatgga atttgtttct tgagaatccc tattcctcat cgacactgtt tactggatca 240
gatccaatca aactcttgag aagtaatctc tggaaagaaa ttaaaaagtc tttacctgaa 300
ttatctcgat atcagaagca gaaattatga tacatagact tcttaataat gaagagtcat 360
tttgccaacg ttgtctttgc caccccacca atccccatga tcccaaagat ctgaggtttc 420
catctctatg tggctgtgat aacactggat ttttcaaaaa tcttctactt tcgcatccaa 480
acctttttgg gatattt 497

<210> 294
<211> 238
<212> DNA
<213> Pinus taeda

<400> 294
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gcaatgaacg gctggttaaa gcgtagtcca ccacactagc cccacctcca tgaggcctac 120
acgtgaagaa gcaggattct gggaagcgcg agaggccgtt caagattatc agctcatgtg 180
attcgcccaa ctgcaaaaga tgtctaccgt aggctgtgat ggggcccaag gcgtccgc 238

<210> 295
<211> 311
<212> DNA
<213> Pinus taeda

<400> 295
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tgatgtcatg gcaatccacg tgtctgcacc atatttcatc ggagcccctc gtcggaatat 120
tccatcgccg gagagctggc gcgataggtt tcaggcggcc ggtttctggt ttgcagctgt 180
ggcttcccgc gcgccttaac tgttggcccg cgcgcacagg ggaaattaca aatttcaaca 240

tatccaatac catcatataa cccaacaaca ctagcaacag atcctgttct gtgccatcgt 300
ccaactcttg a 311

<210> 296
<211> 202
<212> DNA
<213> Pinus taeda

<400> 296
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tcccagctga taaagacagc tctgaaattg atagagccag aactccagct gcaatgctcc 120
ccagagcctg gttgaagcgc ttgctaaagg tggcacttta tagaccgacc caaaacctcc 180
ctggccgtcg ttttacaacg tc 202

<210> 297
<211> 507
<212> DNA
<213> Pinus taeda

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aatggcagga aggttgtcga gcatcaggtt cacctggtaa agattatcga tcctatgctt 120
caataccttc agctgctctg ccccaaggac agtagtattg cacaggtaaa tttcagattc 180
attgacattc atccggaagc gatatggtga gttctcgatc ctgtccccca tgaggagctc 240
cccaagattt tctgccatgt ccttcacacc atccaagggc ttgcagaagg gcaggctgta 300
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tgacccctgg gagaatatga tgtgaggaat acagtgccca gtaaatataa ctccgcatta 420
tacgtttgtg tgtgccttcc ccaatattgc cccaacataa tcaaaaccca caatcccaaa 480
tcctggaccg tcgtttttac aactgtc 507

<210> 298
<211> 522
<212> DNA
<213> Pinus taeda

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tctgtaggtc gaggtatatt ctttatttgt tccaaattgg tcagttcagg cgaaagacca 180
ccatgcatgc ataggatctt ttcatctata agtgcagcaa caggcaggca gttgaaacag 240
tctgtaaaaa gtttccatag tcttacattg aatctgcgct tgcactcatc atagaaacca 300
tatatgcgat ttattgaggc acattcatga tttcccctca gaaggaaaaa gttctctggg 360
tatttaattt tgtaagcaag gaggaggcat attgtctcta ggctttgttt gccccggtcc 420
acataatctc ccaagaaata agtaatttga ttctggtggg aagccaccat attcaaaaag 480
ccttagacag atcagaatac cggcctgtcg ttttacaacg tc 522

<210> 299
<211> 410
<212> DNA
<213> Pinus taeda

<400> 299
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cgggaatcag catattgatg tggctgcaac tcgcatcctc gatctttggt ggttcttcgg 120

cgatttacac atttgagatc tacttcggtc tgctagtttt ccttgggtat attatatttg 180
acacacagat gatcatcgag aaagcggacc atggagacta tgattattta aaacattcac 240
tggacctctt tattgacttc gttgctgtat ttgttcgcct gatggtcata atggcaaaga 300
atgcagacag taaatccagg gaagggaaaa agaagagaag ggcttgaact atgtgagata 360
caaaaatatc gagaatagaa gggcttgaac tagggcttga aagcgtccgc 410

<210> 300
<211> 237
<212> DNA
<213> Pinus taeda

<400> 300
gcggacgcct atcagacaag ggttgttgac cgaactttat cctctgaaaa gtgcttgaag 60
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caaccttaag ccaaaaggtg gtgcgatgac ttaccggccg tttatggttt gcttcggtgg 180
ttttctgttg ggtggtttcc cgcgcgcgtt aactgctggc cgtcgtttta caacgtc 237

<210> 301
<211> 625
<212> DNA
<213> Pinus taeda

<400> 301
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ttttattaaa cttcaaagta ttttccaaca gagttacaag gggccaacca tgtccaaatc 120
catgcattta ccaagtacaa agaatggtag tccttggctt gacctatcgc actagccaaa 180
agtgccaagt ccacaactag ggtgtgccca acctaaggtt gacaccttgc ctagaaaaaa 240
ccccaaactt ggcaccacaa ataacacaga aacacaactc ttgacctctg ccagaaacca 300
ggctctcttg ggaaagccac acctctctct gtgatatgtc ttatctccaa tttccctttt 360
tgtgatgcac tcccttgctt gtggttctgc gatatcacac aaacttacat ttctgcgatt 420
tttgtttctt gcttctccaa atcatgcgat cttattttta acccttgaga cccttcacac 480
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ttgggtctac ccgtattccg gtcgtacagg ccaaattgac cattttggtc caggtgggtg 600
cacccattcc tggagggcgt tcggc 625

<210> 302
<211> 629
<212> DNA
<213> Pinus taeda

<400> 302
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ctctgtatgc cgcttcaata tggattagcc cacactgcgc catccaatta ggcgaatcaa 120
ccttatagca ccatccacaa cctccagcgc tctcttttc acgctagatt ggccaactac 180
aggctttaca acactactca tatacaactc aactcggctc ctctgctcac cactaaatca 240
cacaggctcc aatcgctaga cagagccact acacaggcac taatagccac tacacaggca 300
ctaatcttgg cgtcctccac caggttccaa caacaacccc aaattgcata tgcactccac 360
agtgagcacc aactaggtcc acacaatagg ccacaccaac aacactccaa ggaccctaga 420
tcctgcctca cccagacacc actaggcctt cctcacagct cacctaagtg agccaacaac 480
tggctgggca cacagctccc aactatatga gcacacagcc caactacagc tccaccacac 540
gcacagctac acgcacaatg ccttctcaag ttcacagcca caccataacg cagcacagtt 600
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<210> 303